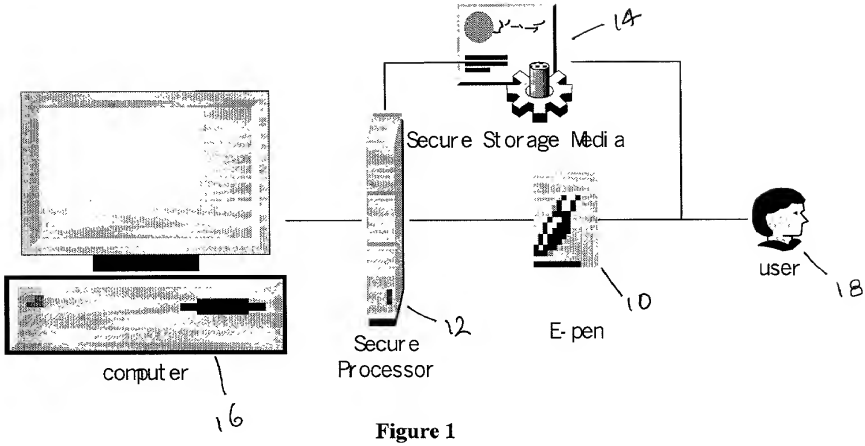
14
Secure Storage Media
user
18
10
E-pen
12
Secure
Processor
computer
16

Figure 1

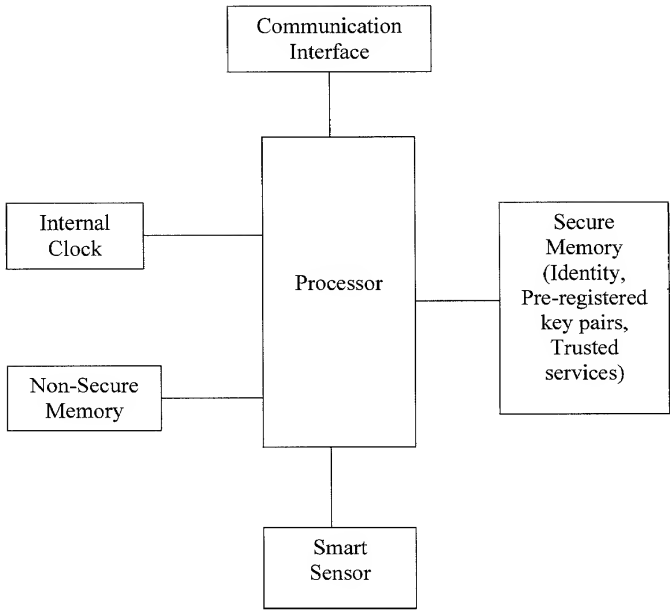
Communication Interface
Internal Clock
Processor
Secure Memory (Identity, Pre-registered key pairs, Trusted services)
Non-Secure Memory
Smart Sensor

Figure 2

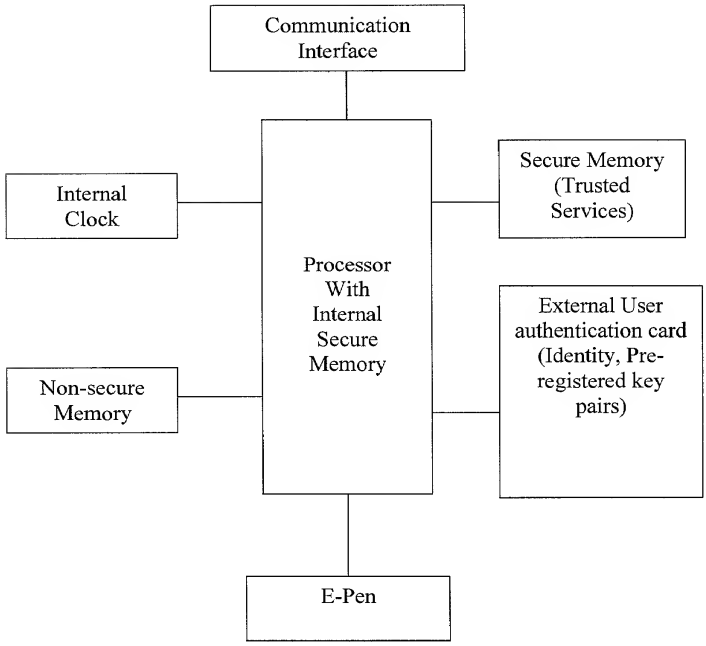
Communication Interface
Internal Clock
Processor With Internal Secure Memory
Secure Memory (Trusted Services)
External User authentication card (Identity, Pre-registered key pairs)
Non-secure Memory
E-Pen

Figure 3

Encrypted hash value of the hand signature data	
Session index number	Document Digest
Decryption key *	Encrypted supporting data *

Figure 4

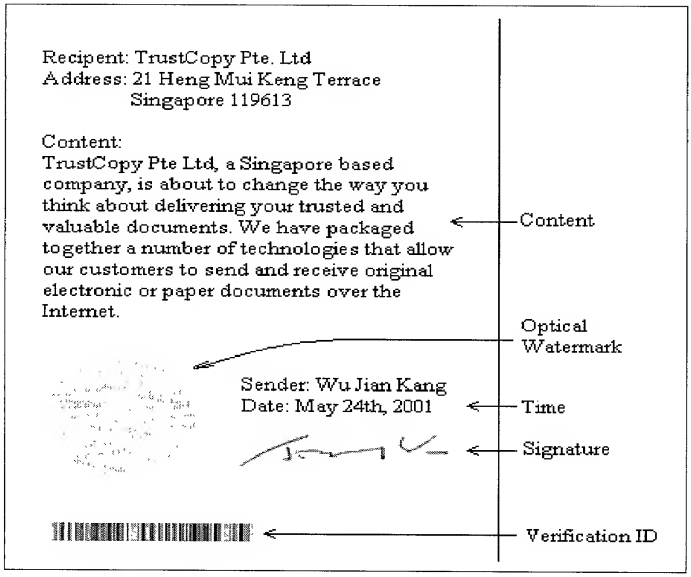
Recipent: TrustCopy Pte. Ltd
Address: 21 Heng Mui Keng Terrace
Singapore 119613
Content:
TrustCopy Pte Ltd, a Singapore based company, is about to change the way you think about delivering your trusted and valuable documents. We have packaged together a number of technologies that allow our customers to send and receive original electronic or paper documents over the Internet.
Content
Optical Watermark
Sender: Wu Jian Kang
Date: May 24th, 2001
Time
Signature
Verification ID

Figure 5

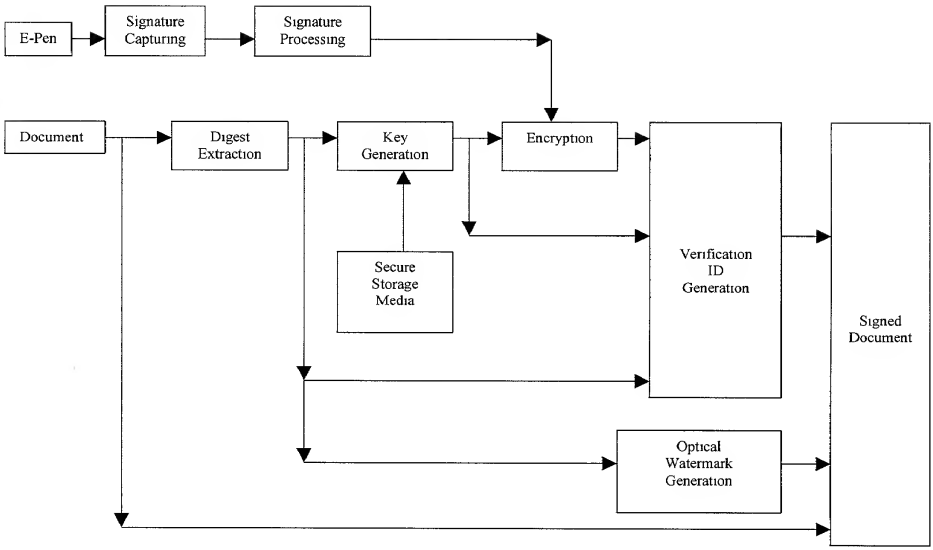
E-Pen
Signature Capturing
Signature Processing
Document
Digest Extraction
Key Generation
Encryption
Secure Storage Media
Verification ID Generation
Signed Document
Optical Watermark Generation

Figure 6